



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2010/16 29 April 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 19/04/2010 - 25/04/2010

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl	1					1
Mycoplasma Pneumoniae		1		1	2	4
Respiratory Syncytial Virus (RSV)					1	1
Rhinovirus	2					2
Rotavirus	2	1		1	3	7
Varicella Zoster Virus (VZV)	4	3		4	5	16
Adenovirus	3		5			8
Enterovirus	2					2
Measles	8	1		1		10
Mumps		1				1

VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Adenovirus	Type 3	Seq	OT	Eye	30.3.2010	36 Y/M	
Adenovirus	Type 4	Seq	WK	Eye	01.4.2010	36 Y/F	N.C.
Adenovirus	Type 4	Seq	HB	Eye	03.3.2010	8 Y/M	
Adenovirus	Type 4	Seq	HB	Eye	16.3.2010	17 Y/F	
Adenovirus	Type 4	Neut	WK	Eye	06.4.2010	26 Y/M	
Adenovirus	Type 4	Neut	WK	Eye	09.4.2010	26 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	CB	Eye	24.3.2010	65 Y/F	
Adenovirus	Type 37	Neut	WK	Eye	29.3.2010	67 Y/F	N.C.
Adenovirus	Type 37	Seq	CB	Eye	15.3.2010	48 Y/M	
Measles		PCR	CA	Swab	26.3.2010	-/-	Measle like clinical presentation
Measles		ELISA	WN	Serum	23.4.2010	-/m	rash 4/7, fever initially no cough, coryza or conjunctivitis
Measles		ELISA	WK	Serum		1/F	rash, cough, conjunctivitis. Igm pos, IgG seroconversion
Measles		PCR	CA	Swab	24.3.2010	-/-	Viral URTI - ? Measles
Measles		PCR	CA	Swab	26.3.2010	-/-	None given
Measles		ELISA	CA	Throat swab	18.4.2010	-/-	None given
Measles		ELISA	CA	Throat swab	19.4.2010	-/-	None given
Measles		ELISA	CA	Serum	19.4.2010	-/-	None given
Measles		ELISA	CA	Serum	20.4.2010	-/-	Immunosuppressed ?measles, ?immune stats
Measles		PCR	CA	Swab	26.3.2010	-/-	Clinical like presentation of Measles
Mumps		ELISA	WK	Serum		3/M	parotid swelling

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

OT: Otago

WK: Waikato

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

Seq

PCR Sequencing

NOTE: During April to September 2010, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php.

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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